

Abstract of the Disclosure

5 A system and a method for managing persistent
connections in a computer network environment to reduce
web page service latency. This invention employs a
connection management interface (CMI) device that
intermediates between a client and servers and, whenever
possible, maintains a persistent connection with the
client and with the server. The CMI device enables the
10 client to see a persistent connection even where the
server cannot support a persistent connection, for
instance, when a reply contains dynamic content, by
buffering the reply from a server and rewriting the data
packet header such that a persistent connection between
15 the CMI device and client can be maintained. The CMI
device also reduces latency in processing serial requests
from a client by distributing these requests to various
servers or server processes.